Application No: 10/657,516 Attorney Docket No. 22956-225
PATENT

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- 1. (Cancelled) A genetically altered chondrocyte used for expressing a therapeutic agent, wherein the genetically altered chondrocyte, when delivered to a target region having one or more cells associated with a disorder, expresses the therapeutic agent in such a way as to modify an environment surrounding the one or more cells, wherein
 - (a) said environment is an atypical chondrocyte environment; and
 - (b) wherein the genetically altered chondrocyte does not become a structural component of the environment.
- 2. (Cancelled) The genetically altered chondrocyte of claim 1, wherein the chondrocyte produces a therapeutic agent selected from the group consisting of a protein, an antibody, a mimetibody, an antigen, a hormone, an anti-inflammatory agent, an antiviral agent, an anti-bacterial agent, a growth factor, a cytokine, an oncogene, a tumor suppressor, a transmembrane receptor, an adhesion molecule, a neurotransmitter, a morphogenetic protein, a differentiation factor, an enzyme, and an extracellular matrix protein.
- 3. (Cancelled) The genetically altered chondrocyte of claim 1, wherein the therapeutic agent is an Erythropoietin protein.
- 4. (Cancelled) The genetically altered chondrocyte of claim 1, wherein the therapeutic agent is an Erythropoietin mimetibody.
- 5. (Previously Cancelled) The genetically altered chondrocyte of claim 5, wherein the cell associated with a disorder is in an atypical chondrocyte environment.
- 6. (Cancelled) The genetically altered chondrocyte of claim 1, wherein the atypical chondrocyte environment is in an organ selected from the group consisting of the brain, heart, liver, kidney, gastro-intestinal tract, spleen, smooth muscles, skeletal muscles, eye, ganglions, lungs, gonads, and pancreas.